Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

1

Complete if Known			
Application Number	10/561366		
Filing Date	June 23, 2004		
	Collingwood, Stephen Paul et		
First Named Inventor	al		
Art unit	1625		
Examiner Name	Chang, Celia C		
Attorney Docket Number	33239-US-PCT		

			U.S. PATENT DO	CUMENIS	Barra Columns Lines Where
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/CC/		US-2746966	5/22/56	Biel, John H et al.	
/CC/	 	US-3240784	3/15/66	Flick, Kurt et al.	
/CC/		US-6307060	10/23/01	Noe, Christian et al.	
<u>,, 0 0;</u>		US-			
	1	US-			
		US-			
		US-			

2

<u> </u>		FOREI	GN PATENT DOC	UMENTS		
	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	_ , │
	No. ¹	Country Code ³ Number ⁴ Kind Code ^{5 (# known)}				
/CC/		WO 98/21183 (equivalent to 6307060)	5/22/98			1
	├		6/16/04			
/CC/_		EP 0823423				
	Ì	GB 833820	4/27/60			
	 					<u> </u>
	<u> </u>					

Examiner	/Celia Chang/	Date Considered	07/29/2010
Signature	7 o once o norney		a through citation if not in conformance

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file

a cneck mark here in English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file this collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 (and by the USPTO to process) an application, properties an application form to the USPTO. Time will vary depending upon the hours to complete, including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

2

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

2

of

Complete if Known			
Application Number	10/561366		
Filing Date	June 23, 2004		
1 mig 2 4.0	Collingwood, Stephen Paul et		
First Named Inventor	al		
Art unit	1625		
Examiner Name	Chang, Celia C		
Attorney Docket Number	PAT033239-US-PCT		

		NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, located on the author of t	T ²
xaminer Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the letter (cook, insignation). catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
/CC/		Freeman, "Antispasmodics IV. Further basic alkyl ester acid addition & quaternary ammonium salts", J. Am. Pharm. Assoc., Vol. XLV, No. 8, pp. 578-581, (1956)	
		Abstract of Ji et al., "Studies on a soft glycopyrrolate analog SG-1", Pharmazie, Vol. 57, No. 2, pp. 138-141, (2002)	-
CC/_		Barlow et al., "A further search for selective antagonists at M2 muscarinic receptors", Br. J. Pharmacol., Vol. 89, No. 4, pp.	
<u> </u>	<u> </u>	837-843, (1986).	
	<u> </u>		
	<u> </u>		
	 		
	<u> </u>		
	ļ		
	<u> </u>		
	<u> </u>		
	<u>. </u>		
	<u> </u>		I
			ָן
			ן [
] [
· ·			١
	+-		
	-		·
	_ -		

Examiner	10 11 01	Date Considered	07/29/2010
Signature	/Celia Chang/		through citation if not in conformance

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.